

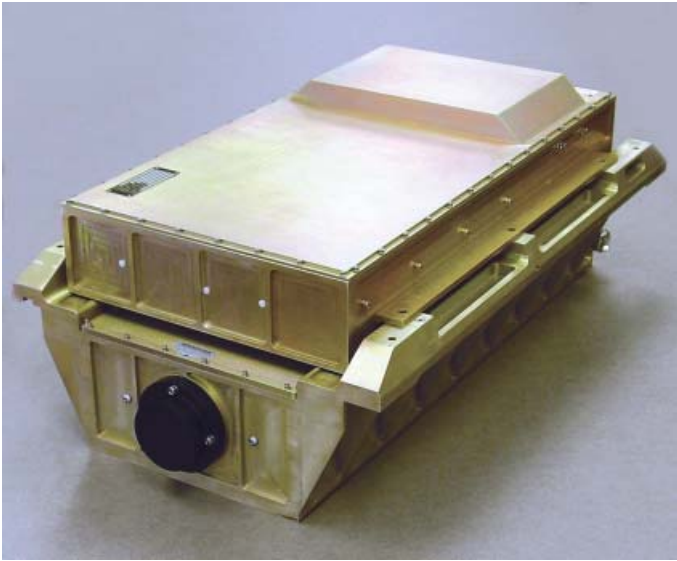
# High Rep Rate Diode Pumped Laser for LIDAR, Bathymetry

Date Revised: 30 JAN 04


## VENDOR DESCRIPTION

Diode Pumped Solid State (DPSS) laser and associated laser electronics:

- 240 mJ of 1.064 um at 350 Hz
- 120 mJ of 0.532 um at 350 Hz
- Eyesafe wavelength available as well
- UV versions available also



**Product Manager Robotic & Unmanned Sensors**  
Telephone: (732) 427-5827 / DSN 987  
Fax: (732) 427-5072 / DSN 987  
e-mail: SFAE-IEWS-NV-RUS@iew.s.monmouth.army.mil



Business Category: Large Business

Misc

Hardware	
Power: 45W at 532 nm	Operating Altitude: Helicopter based
Weight: < 104 lbs (COTS)	Operating Speed: N/A
Dimensions: Laser Transmitter: 26.9 x 16.7 x 7.3 in Laser Electronics: 15 x 4.9 x 23.5 in	Operating Temp.: -20°C to +55°C
Internal Volume: < 2.9 cubic feet	Storage Temp.: -40°C to +66°C
	MTBF: > 648 hrs
	500 hours between Preventative Maintenance
	Maintainability: BIT